

Converting Colors

XYZ(40.3856, 45.4662, 57.4236)

Have a look what the booklet for
XYZ(40.3856, 45.4662, 57.4236)
contains.

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Color

**XYZ(40.4130, 45.4630,
57.6842)**

Conversions

Conversions Part 1

Format	Color
Hex	9AB9C2
RGB	154, 185, 194
RGB Percent	60%, 73%, 76%
CMY	0.3961, 0.2745, 0.2392
CMYK	0.21, 0.05, 0.00, 0.24
HSL	193°, 25%, 68%
HSV	193°, 21%, 76%
XYZ	40.4130, 45.4630, 57.6842
YIQ	176.7570, -21.3650, -3.7730

Conversions

Conversions Part 2

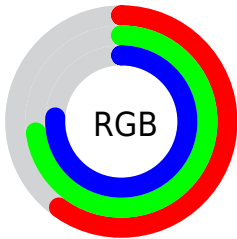
Format	Color
RYB	154, 171, 194
Decimal	10140098
CIELab	73.20, -8.48, -8.05
CIELCh	73, 11.693, 223.478
Yxy	45.4630, 0.2815, 0.3167
Android (android.graphics.Color)	4288330178 (0xFF9AB9C2)
YUV	176.7570, 8.5008, -19.9579
Hunter-Lab	67.4263, -11.0091, -3.5251

Details

The XYZ color **40.4130, 45.4630, 57.6842** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.1785, 39.9969, 36.1226**, and the grayscale version is **41.6284, 43.7963, 47.6942**.

A 20% lighter version of the original color is **75.0051, 83.3680, 102.5809**, and **18.4644, 21.2208, 27.9338** is the 20% darker color. If you saturate the color by 10%, you get **36.1163, 41.9145, 57.2265**, and if you desaturate by 10%, it is **45.3372, 49.3789, 58.1812**.

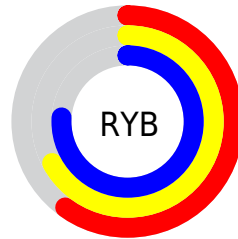
Distribution



Red (60%)

Green (73%)

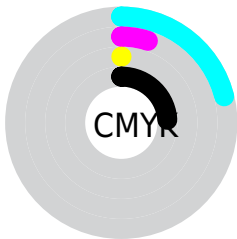
Blue (76%)



Red (60%)

Yellow (67%)

Blue (76%)

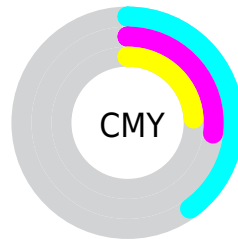


Cyan (21%)

Magenta (5%)

Yellow (0%)

Black (24%)



Cyan (40%)

Magenta (27%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.4130, 45.4630, 57.6842 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 40.4130, 45.4630, 57.6842 by changing the saturation by 10% instead.

■ 40.4130, 45.4630,
57.6842

■ 40.4130, 45.4630,
57.6842

338.9659,
368.6455, 433.5735

■ 28.0463, 31.8223,
41.1418

■ 75.0724, 83.4148,
102.9731

■ 18.5012, 21.2258,
28.1094

■ 98.0958, 108.4946,
132.5566

■ 11.4123, 13.2891,
18.1684

125.4021,
138.1562, 167.3243

■ 6.4142, 7.6280,
10.9002

157.3568,
172.7841, 207.6946

■ 3.1416, 3.8578,
5.8865

194.3252,
212.7625, 254.0862

■ 1.2291, 1.5943,
2.7085

236.6726,

■ 0.1291, 0.3538,

258.4760, 306.9175

0.9477

284.7644,
310.3088, 366.6071

■ 0.0000, 0.0000,
0.0000

■ 40.4130, 45.4630,
57.6842

■ 40.4130, 45.4630,
57.6842

■ 36.1163, 41.9145,
57.2265

■ 45.3372, 49.3789,
58.1812

■ 32.4141, 38.7127,
56.8036

■ 50.9118, 53.6708,
58.7159

■ 29.2766, 35.8428,
56.4150

■ 57.1635, 58.3541,
59.2903

■ 26.6696, 33.2869,
56.0591

■ 64.1161, 63.4414,
59.9058

■ 24.5551, 31.0249,
55.7339

■ 71.7924, 68.9449,
60.5635

■ 22.8897, 29.0342,
55.4374

■ 74.3185, 71.8367,
60.9886

■ 21.6221, 27.2879,
55.1672

■ 75.4187, 74.0371,
61.3553

■ 20.7020, 25.8236,
54.9330

■ 76.5486, 76.2969,
61.7319

■ 77.7084, 78.6164,
62.1185

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



39.4895, 45.4630, 52.1800



40.4130, 45.4630, 57.6842



42.0997, 45.4630, 61.1347

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



40.4130, 45.4630, 57.6842



47.1023, 45.4630, 52.7825



42.2988, 45.4630, 39.3131

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



40.4130, 45.4630, 57.6842



41.1785, 39.9969, 36.1226

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



44.3422, 45.4630, 39.4464



40.4130, 45.4630, 57.6842



47.1597, 45.4630, 46.9162

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



40.4130, 45.4630, 57.6842



45.9812, 45.4630, 58.1552



46.1357, 45.4630, 42.1317



40.5548, 45.4630, 41.7518

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



40.4130, 45.4630, 57.6842



43.4508, 45.4630, 61.6489



46.1357, 45.4630, 42.1317



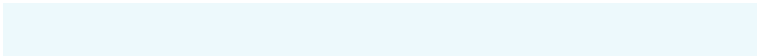
42.9725, 45.4630, 39.0648

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



40.4143, 45.4649, 57.6852



86.5573, 92.8914, 105.8376



39.2001, 48.0869, 41.7105



18.8091, 20.2295, 23.1633



0.0000, 0.0000, 0.0000



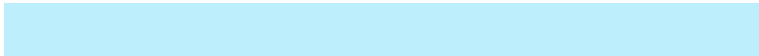
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



40.4143, 45.4649, 57.6852



69.3606, 79.2156, 104.1042



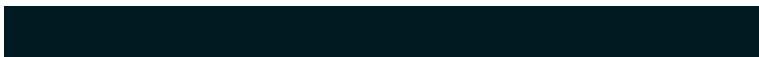
36.5803, 37.7967, 56.4072



10.1702, 11.0317, 12.8781



13.6743, 17.1051, 36.1375



0.6393, 0.8359, 1.5775

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



42.5618, 38.0844, 51.0088



74.0482, 63.5081, 89.4398



44.9465, 47.5329, 37.3786



10.3972, 10.2075, 12.1822



18.2981, 9.0090, 20.0139



0.8151, 0.3990, 0.9935

Previews

White Background



This preview shows how the XYZ color 40.4130, 45.4630, 57.6842 looks on a white background.

Color Contrast Check

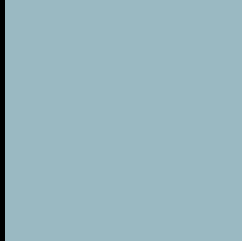
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 40.4130, 45.4630, 57.6842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

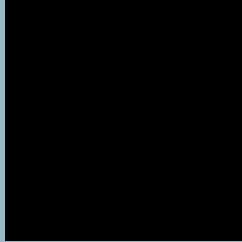
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

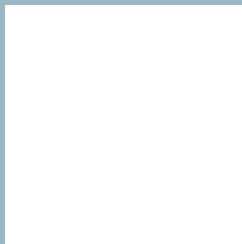
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.4130, 45.4630, 57.6842

Background



This preview shows how black text looks on a background with the XYZ color 40.4130, 45.4630, 57.6842.



This preview shows how white text looks on a background with the XYZ color 40.4130, 45.4630,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

40.4130, 45.4630, 57.6842

Protanopia

43.8051, 45.1422, 55.1197

Deuteranopia

46.0861, 45.0764, 58.4962



Tritanopia

40.9669, 45.3731, 60.6315

Trichromacy



Original Color

40.4130, 45.4630, 57.6842

Protanomaly

42.5054, 45.3554, 55.8044

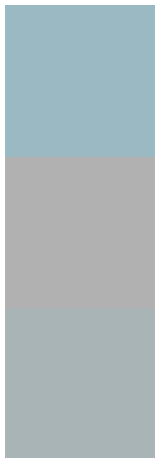
Deuteranomaly

43.6752, 45.0110, 58.0158

Tritanomaly

40.7361, 45.2808, 59.4164

Monochromacy



Original Color

40.4130, 45.4630, 57.6842

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.2307, 44.4964, 51.2153

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4130, 45.4630, 57.6842 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(154, 185, 194)` looks like.

```
.text, #text, p{  
    color:rgb(154, 185, 194)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(154, 185, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 185, 194) }
```

Border

The CSS property to change the border of an element to XYZ 40.4130, 45.4630, 57.6842 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(154, 185, 194) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(154, 185, 194) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(154, 185, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 185, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 185, 194);  
box-shadow:4px 4px 4px 4px rgb(154, 185,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4130, 45.4630, 57.6842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 185, 194) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(154,  
185, 194) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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